

ABSTRACT

A machine for molding parts has a flow path for fluid materials which flow through the machine. The flow path includes a product material channel which extends from an inlet at one end to a mold cavity at an opposite end. A flow device assembly has a flow channel which is arranged along the product material channel such that the flow path extends through the flow channel. A flow device actuation assembly is operable to alter a posture of the flow channel with respect to the product material channel, thereby changing pressure and flow rate conditions of the product material as it flows along the flow path.